# antibodies - online.com







## anti-NEIL2 antibody (Internal Region)

**Images** 



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Quantity:	100 μL
Target:	NEIL2
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEIL2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (IHC)

## **Product Details**

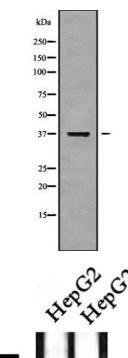
Immunogen:	A synthesized peptide derived from human NEIL2, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	NEIL2 Antibody detects endogenous levels of total NEIL2.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

## Target Details

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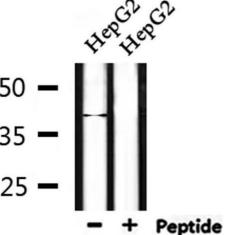
## **Target Details**

NEIL2 (NEIL2 Products)  Description: Involved in base excision repair of DNA damaged by oxidation or by mutagenic	
agents. Has DNA glycosylase activity towards 5-hydroxyuracil and other oxidized derivatives of cytosine with a preference for mismatched double-stranded DNA (DNA bubbles). Has low or not DNA glycosylase activity towards thymine glycol, 2-hydroxyadenine, hypoxanthine and 8-oxoguanine. Has AP (apurinic/apyrimidinic) lyase activity and introduces nicks in the DNA strand. Cleaves the DNA backbone by beta-delta elimination to generate a single-strand break at the site of the removed base with both 3'- and 5'-phosphates.  Gene: NEIL2	
37 kDa	
252969	
Q969S2	
DNA Damage Repair	
WB 1:1000-3000, IHC 1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000	
For Research Use only	
Liquid	
1 mg/mL	
Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.	
Sodium azide	
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
-20 °C	
Store at -20 °C. Stable for 12 months from date of receipt.	
12 months	



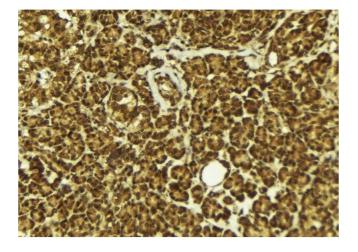
### **Western Blotting**

Image 1. Western blot analysis NEIL2 using HuvEc whole cell lysates



#### **Western Blotting**

**Image 2.** Western blot analysis of extracts from HepG2, using NEIL2 Antibody.



#### **Immunohistochemistry**

**Image 3.** ABIN6279411 at 1/100 staining Mouse pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary